BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

APPROVED SCHEDULE - B

Name of the Work : Improvements to Roads and Drains at Kauvery Layout in Ward No. 06, Dasarahalli Village Limits.

Sl. No.	Approved Qty.	Description	Unit	Approved Rates	
				In Figures	In Words
1	760.20	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3.complete as per specifications and directions of engineer in charge of the work	Cum	90.72	Rupees Ninety And Paise Seventy Two Only
2	693.00	Removing B.S. Slab Drain and stacking complete as per specifications and directions of engineer in charge of the work	Sqm	50.11	Rupees Fifty And Paise Eleven Only
3	693.00	Refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of engineer in charge of the work	Sqm	70.04	Rupees Seventy And Paise Four Only
4	121.50	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 7.5 cms thick complete as per specifications and directions of engineer in charge of the work	Sqm	343.44	Rupees Three Hundred Forty Three And Paise Forty Four Only
5	121.80	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 complete as per specifications and directions of engineer in charge of the work	Cum	4290.84	Rupees Four Thousand Two Hundred Ninety And Paise Eighty Four Only
6	33.48	KSRB 5.4-3: Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 complete as per specifications and directions of engineer in charge of the work	Cum	4423.68	Rupees Four Thousand Four Hundred Twenty Three And Paise Sixty Eight Only
7	55.80	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of engineer in charge of the work	Sqm	77.76	Rupees Seventy Seven And Paise Seventy Six Only
8	11.16	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. complete as per specifications and directions of engineer in charge of the work	Cum	4690.50	Rupees Four Thousand Six Hundred Ninety And Paise Fifty Only

Signature of the Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Executive Engineer

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

Sl. No.	Approved Qty.	Description	Unit	Approved Rates	
				In Figures	In Words
9	38.60	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 complete as per specifications and directions of engineer in charge of the work	Sqm	271.08	Rupees Two Hundred Seventy One And Paise Eight Only
10	23.25	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 complete as per specifications and directions of engineer in charge of the work	Cum	5639.76	Rupees Five Thousand Six Hundred Thirty Nine And Paise Seventy Six Only
11	12.56	KSRB 4.9.2: Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 complete as per specifications and directions of engineer in charge of the work	Qntl	7450.92	Rupees Seven Thousand Four Hundred Fifty And Paise Ninety Two Only
12	80.00	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, complete as per specifications and directions of engineer in charge of the work	M	137.16	Rupees One Hundred Thirty Seven And Paise Sixteen Only
13	75.00	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. etc complete as per specifications and directions of engineer in charge of the work	Cum	6464.88	Rupees Six Thousand Four Hundred Sixty Four And Paise Eighty Eight Only
14	750.00	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power *Floater, blade and disc etc complete as per specifications and* directions of engineer in charge of the work	Sqm	91.80	Rupees Ninety One *And Paise Eighty Only*

Signature of the Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Executive Engineer
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Yelahanka Zone, BBMP
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Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Rates	
				In Figures	In Words
15	2585.00	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH chapter 5, complete as per specifications and directions of engineer in charge of the work	Sqm	72.79	Rupees Seventy Two And Paise Seventy Nine Only
16	517.00	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per specifications and directions of engineer in charge of the work	Cum	1121.04	Rupees One Thousand One Hundred Twenty One And Paise Four Only
17	2585.00	KSRRB 500-1.1 : Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification No. 500-1.3 complete as per specifications and directions of engineer in charge of the work	Sqm	10.53	Rupees Ten And Paise Fifty Three Only
18	2585.00	KSRRB 500-5: providing and applying primer coat from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, complete as per specifications and directions of engineer in charge of the work	Sqm	142.07	Rupees One Hundred Forty Two And Paise Seven Only
19	64.63	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specificationsWith 60/70 grade bitumen using 40-60 HMP, complete as per specifications and directions of engineer in charge of the work	Cum	9981.36	Rupees Nine Thousand Nine Hundred Eighty One And Paise Thirty Six Only
20	570.15	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km complete as per specifications and directions of engineer in charge of the work	Cum	72.71	Rupees Seventy Two And Paise Seventy One Only

I am prepared to execute the above mentioned work written by me in Schedule - B

Contractor Signature

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Signature of the Contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Executive Engineer